

DISENGAGEABLE NOCK FOR ARROWS

ABSTRACT

A nock for use with an arrow includes a receiver having a bowstring engaging notch with a pin extending thereacross to capture and retain the bowstring within the notch and an insert permanently attached to an arrow shaft for disengageably engaging the receiver. A retention device, such as a magnet attached to the receiver, magnetically cooperating with a magnetically responsive member attached to the insert, retains the arrow shaft in engagement with the bowstring as the bowstring is pulled back. Upon release of the bowstring, the forward momentum of the arrow overcomes the retention force of the retention device and the arrow shaft disengages from the receiver to begin its flight.